

Anti-Kv3.1B K⁺ Channel Antibody

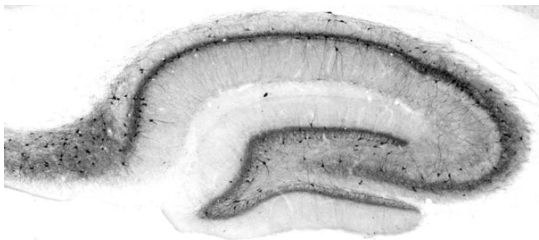


Product Details

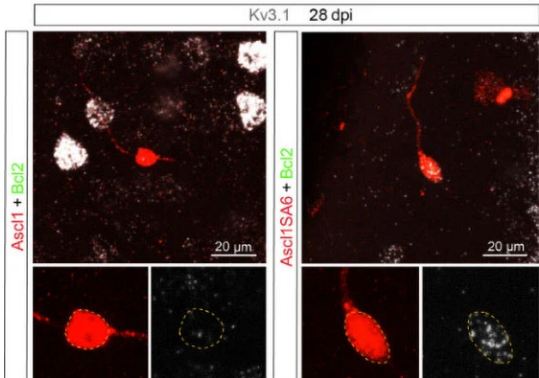
Available Variants	100 µL (SKU:75-041)
Conjugate	Unconjugated
Isotype	IgG1
Clone	N16B/8
Gene Name	Kcnc1
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:250
Species Reactivity	Hamster, Human, Mouse, Non-Human Primate, Rat
Immunogen	Fusion protein amino acids 437-585 (cytoplasmic C-terminus) of rat Kv3.1b (accession number P25122) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	110 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2131480
UniProt ID	<u>P25122</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

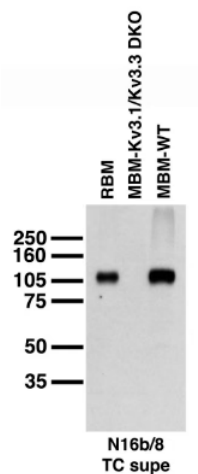
Product Images



Adult rat hippocampus immunohistochemistry.



Fluorescence images showing the specific labeling of Kv 3.1 (Cat. 75-041) identifying Ascl1SA6/Bcl2 mouse cortical glia converting into induced neurons. Image provided by publication. [PMID: 39454007](#)



Immunoblot versus adult rat brain membranes (RBM), and adult mouse hippocampal membranes (MBM) from Kv3.1/Kv3.3 double knockout and WT mice (mouse samples courtesy of Dr. Rolf Joho).

Product Page URL: www.antibodiesinc.com/products/anti-kv3-1b-k-channel-antibody-n16b-8-75-041



Created on 11. September 2026 | All information without guarantee